

Claims

1. An arrangement for bypassing a low-noise amplifier in a radio receiver which comprises an antenna filter between said amplifier and antenna, and a bypass path for said amplifier, the arrangement comprising, at output side of said amplifier, a
5 changeover switch for selecting a signal to be led along the signal path either from said amplifier or from the bypass path, said antenna filter having at least two parallel outputs the first of which is coupled direct to an input of said amplifier and the second of which is coupled direct to said bypass path.
2. The arrangement according to claim 1, said antenna filter being of the resonator type and having an output resonator, wherein for said outputs there is a conductive element of their own in the cavity of the output resonator to take signal energy out of the filter.
3. The arrangement according to claim 2, said conductive elements having substantially equally strong electromagnetic coupling to the output resonator.
- 15 4. The arrangement according to claim 1, the bypass path being a galvanic conductor connection.
5. The arrangement according to claim 1, comprising a second low-noise amplifier on the bypass path.
6. The arrangement according to claim 1, the changeover switch being implemented by PIN diodes.
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7. The arrangement according to claim 1, the changeover switch being implemented by MEMS switches.
8. The arrangement according to claim 1, the changeover switch being implemented by MMIC technology.
- 25 9. The arrangement according to claim 1, the changeover switch being implemented by a relay.